



OIQE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/060,255

DATE: 04/24/2002
TIME: 14:29:43

Input Set : N:\Crf3\RULE60\10060255.raw
Output Set: N:\CRF3\04242002\J060255.raw

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2 <110> APPLICANT: Rosen et al.
4 <120> TITLE OF INVENTION: 25 Human secreted proteins
6 <130> FILE REFERENCE: PZ042PI
8 <140> CURRENT APPLICATION NUMBER: 10/060,255
9 <141> CURRENT FILING DATE: 2002-02-01
11 <150> PRIOR APPLICATION NUMBER: 09/781,417
12 <151> PRIOR FILING DATE: 2001-02-13
14 <150> PRIOR APPLICATION NUMBER: PCT/US00/22325
15 <151> PRIOR FILING DATE: 2000-08-16
17 <150> PRIOR APPLICATION NUMBER: 60/149,182
18 <151> PRIOR FILING DATE: 1999-08-17
20 <160> NUMBER OF SEQ ID NOS: 86
22 <170> SOFTWARE: PatentIn Ver. 2.0
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26 <211> LENGTH: 733
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
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33 tctcccgagc tctctaggct acatgcgtgg tggtggacgt aagccacgaa gacctcgagg
34 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcagg
35 aggagcagta caacagciag taccgtgtgg tcagcgtctc caccgtctgc caccaggact
36 ggttgaatgg caaggagtac aagtgcgaag cccgagaacc acaggtgtac accctgcccc
37 aaaaaacat ctccaaagcc aaagggcagc tcagcctgac ctgctctgtc aaagctctct
38 catcccgagg taagctgacc aagaaccagg gcaatgggca gccggagaac aactacaaga
39 atcccaagcg catgcccgtg gagtgggaga gcaatgggca ctacagcaag ctacccttgc
40 ccagcctccc cgtctctgac tccgacggct cctctctctc ctacagcaag gaggctctgc
41 acaagagrag agtgcaacag ggaacgtct tctcatgctc cgtgatgcac gaggctctgc
42 acatccacta cagcacaagg agcctctccc tgctccggg taaatgagtg ccagcgccgcg
43 gactctajag gat
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 5
46 <212> TYPE: PRT
47 <213> ORGANISM: Homo sapiens
48 <214> FEATURE:
49 <215> NAME/KEY: Site
50 <216> LOCATION: (3)
51 <217> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
52 <400> SEQUENCE: 1
W--> 57 Trp Ser Xaa Trp Ser
58 1 5
59 <210> SEQ ID NO: 3

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61 <210> LENGTH: 8>
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence
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66 <221> NAME/KEY: Primer_Bind
67 <223> OTHER INFORMATION: Synthetic sequence with 4 tandem copies of the GAS binding
site found in
58 the Irf1 promoter (Rothman et al., Immunity 1:457-468 (1994)), 18 nucleotides
69 complementary to the SV40 early promoter, and a Xho I restriction site.
71 <400> SEQUENCE: 3
72 ggcgcctcgaag atttcgccga aatctagatt tccccgaaat gatttccccg aatgatgttc 60
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79 <213> ORGANISM: Artificial Sequence
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82 <221> NAME/KEY: Primer_Bind
83 <223> OTHER INFORMATION: Synthetic sequence complementary to the SV40 promoter;
includes a Hind III
84 restriction site.
85 <400> SEQUENCE: 4 27
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93 <213> ORGANISM: Artificial Sequence
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96 <221> NAME/KEY: Protein_Bind
97 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes GAS
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98 sites found in the Irf1 promoter (Rothman et al., Immunity 1:457-468 (1994)).
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102 aaatatctgc gatctcaatt agtcagcaac catagtcccc cccctaactc cgcccatccc 180
103 cccctaactc cgcccaagtt ccgcccattc tccgccccat ggctgactaa tttttttat 240
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108 <211> LENGTH: 32
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <221> NAME/KEY: Primer_Bind
114 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1
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115 (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a Xho I restriction
site.
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120 <211> LENGTH: 31
121 <212> TYPE: DNA

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124 <213> ORGANISM: Artificial Sequence

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102 tgaagatate cactctactc ctgatttcat tgcagqaaaa aagttagctg aatatgaacc 480
103 caaaggtagg gattttgtcc atgagtggcc tcatctacga tggggaglat ttgacgaata 540
104 caataaigal gagaattctc acttatccaa tggagaata caagcagtaa gatgtccagc 600
105 aggtattact gttacaaatg tagtaaaqaa gtgtcaggga ggcagctggt acaccaaaag 660
106 atgcacattc aataaagtga caggactcta tgaaaaagga tgtgagtttg ttctccaatc 720
107 ccgccagacc gagaaggttt acaaaagaaq cttctcaatt gttgattcta tagttgaatt 780
108 ctgtacagaa caaaaccaca tccgtgtatt tccacaacat caaaatcaaa aatgccaatt 840
109 ccgaagcaca tgggaagtga tccgtgtatt tccacaacat aaaaaacca ctctatgac 900
200 aacacagaca caaaatccca ccttctcaat gctgcagatt ggcacaaagaa ttgtgtgttt 960
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218 tgatgtacta aaggatgacg gtgtctactc aaggtatttc acaacttatg acaagaatgg 2040
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235-210 SEQ ID NO: 12

236-211 LENGTH: 1315

237-212 TYPE: DNA

238-213 ORGANISM: Homo sapiens

240-2400 SEQUENCE: 12

241 acggctccgg acgcgcacc ctcgggaaca aqccatgggtg gcggtacgg tggcagcgcc

60

RAW SEQUENCE LISTING
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Input Set: N:\Crf3\RULE60\10060255.raw
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242	gtggctgctc	ctgtggqctg	cgccctggcg	gcagcagcag	caggacttct	acgaattcaa	120
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244	ggtgggtgaa	gtggccagcg	agtgccggtt	cacaaacacg	cactaccagc	ccctgcagca	240
245	gctgcagcga	gagctggggc	cccaccactt	caacgtgctc	gcttccctct	gcacacagtt	300
246	tggaacacag	gagcctgaca	gcacaaagga	gattgagagc	tttgcccgcc	gcacctacag	360
247	tgtctcattc	cccattgtta	gcaagattgc	agtcaccggt	actgggtgcc	atctgccttt	420
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250	acccccagatc	acagcgctcg	tgaggaagct	catcctaact	aaqcgagaaq	acttataacc	600
251	accggtgctc	ctctccacc	acctcatccc	gcccaacctg	gtggggctga	ccaatgcaaa	660
252	ctgaataagt	gcttcaaaag	gagagaccga	ctgactctcc	ttccttlaac	cttatgccaat	720
253	tgtgtcccat	attcttgtgg	gggaaaaatt	ctagtatttt	gattatttga	actttacagc	780
254	aaacaaatag	aactctctgc	caatgagagc	tcttgaccag	tgaatcacca	gcagatcaga	840
255	acgtctctgc	taacaaatag	ccaaatgatt	agcaaatatg	gaqgcattca	gatgaacatt	900
256	aaagcttctg	taaacctggg	ccaaatgatt	agcaaatatg	gaqgcattca	gatgaacatt	960
257	aaataacctg	gaagatccct	aggcagtgcc	taacaaatag	ctgtgtgtgag	atgaacattt	1020
258	tttgacata	aacaaaaaaa	taactgttta	taacaaatag	ctgtgtgtgag	atgaacattt	1080
259	ccagtcagtg	ataatccagg	ccaaaggttt	taacaaatag	ctgtgtgtgag	atgaacattt	1140
260	ttcattacaa	aaagaaatga	agttcattgt	taacaaatag	ctgtgtgtgag	atgaacattt	1200
261	ataaaaaata	aaatattctc	ctcaaaaaaa	taacaaatag	ctgtgtgtgag	atgaacattt	1260
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273	ccctggagtg	ctacagctgc	gtgcagaaag	cagatgacg	atgctccccc	aacaagatga	180
274	agacagtga	gtgcgcgcgc	ggcgtggagc	tctgcaccga	ggccgtgggg	gcggtggaga	240
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281	tcggggctct	tgctccaggt	gaattctgca	ctccggaatg	agtaaacagg	ccaggtgtca	660
282	cgctcagtg	ctctctgttc	caggggtccc	gctgttaact	tgactctcgc	aacaaagctc	720
283	actctctccc	tgcaatccca	cccctgttcc	gctgtgcccc	tccagagccc	acgactgtgg	780
284	ctcaacacaa	atctgttacc	acttctacct	cgcccccagt	gagacacaca	tccacacaca	840
285	aacccatgac	agcgcccaac	actcagactc	cgaagacagg	aataaagac	gaggtctccc	900
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287	gacagtatcc	tgcaaaaagg	gggcccacg	agcccatcaa	taaaagtctg	gtggtctccc	1020
288	gagctggatt	ggcagccctt	ctgtttggcc	ttgctgtgtg	tgctcctact	tgagctcttc	1080
289	gagctggaaa	tttccctctc	acctacttct	ctggcccttg	gtaccctctc	ttctatcaat	1140
290	tcgtgttccc	accactggac	ttggctggcc	cagccctctg	ttttcccaac	ttcccccaga	1200
291	tcccacagct	ctgctgcgct	ggtttggcgc	tttgggaaat	aaataacctg	tgtatatatt	1260
292	gtggcagggg	tgttctagct	ttttgaggac	agctcctgta	ttcttctcat	ctctgtctct	1320
293	ccgtgtgtcc	ttctgtgatg	ttaggacaga	gtgagagaag	tcagctgtca	cggggaaggt	1380

RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : N:\Crf3\RULE60\10060255.raw
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 3
Seq#:28; N Pos. 2198,2199
Seq#:37; N Pos. 1020,1022,1029,1177,1430,1500,1967
Seq#:40; N Pos. 502
Seq#:71; Xaa Pos. 138
Seq#:72; Xaa Pos. 28

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:4; Line(s) 83
Seq#:6; Line(s) 115

VERIFICATION SUMMARY

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L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos. 0
L:127 M:257 W: Feature value mis-spelled or invalid. <221> Name/Key for SEQ ID#:7
L:802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos. 2160
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:960
L:1241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:1020
L:1243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:1140
L:1247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:1380
L:1248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:1440
L:1256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:1920
L:1331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:480
L:2567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:128
L:2588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:16